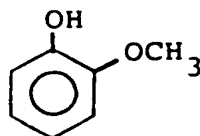
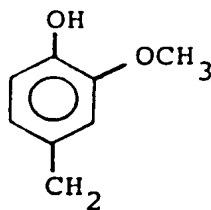
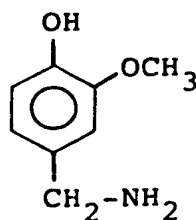
PHENOL C_6H_5OH FIG. 1ORTHO-METHOXYPHENOL $CH_3OC_6H_4OH$ FIG. 2VANILLYL $(CH_3O)(OH)C_6H_3-CH_2$ FIG. 3

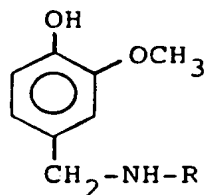
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3-METHOXY-4-HYDROXYBENZYLAMINE $(\text{CH}_3\text{O})(\text{OH})\text{C}_6\text{H}_3-\text{CH}_2-\text{NH}_2$

FIG. 4

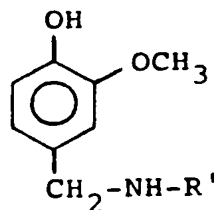


where R is an organic hydrocarbon group

VANILLYLAMIDE $(\text{CH}_3\text{O})(\text{OH})\text{C}_6\text{H}_3-\text{CH}_2-\text{NH}-\text{R}$

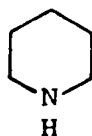
FIG. 5

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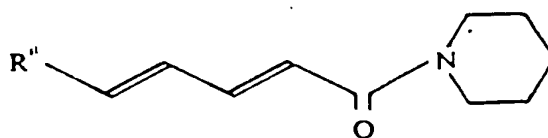
STRUCTURAL FORMULACAPSAICINOID

$R' - CO - (CH_2)_4 - CH = CH - CH - (CH_3)_2$	CAPSAICIN
$R' - CO - (CH_2)_6 - CH - (CH_3)_2$	DIHYDROCAPSAICIN
$R' - CO - (CH_2)_5 - CH - (CH_3)_2$	NORDIHYDROCAPSAICIN
$R' - CO - (CH_2)_9 - CH - (CH_3)_2$	HOMODIHYDROCAPSAICIN
$R' - CO - (CH_2)_5 - CH = CH - CH - (CH_3)_2$	HOMOCAPSAICIN
$R' - CO - (CH_2)_7 - CH_3$	NONANOIC ACID VANILLYLAMIDE
$R' - CO - (CH_2)_8 CH_3$	DECANOIC ACID VANILLYLAMIDE

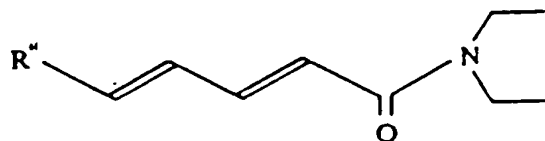
CAPSAICINOIDS

FIG. 6PIPERIDINE $(CH_2)_5NH$ FIG. 7

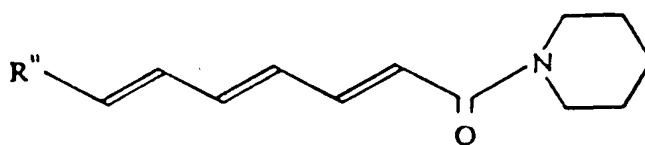
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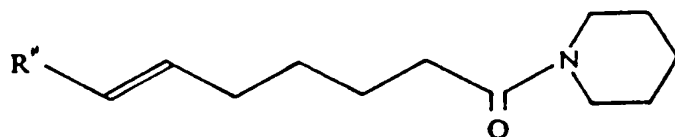
PIPERINE



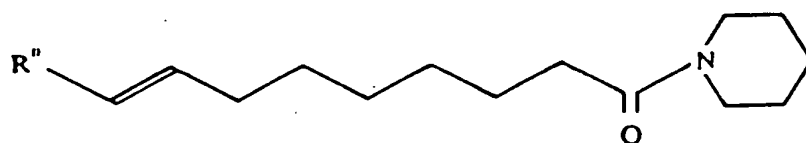
PIPERYLINE



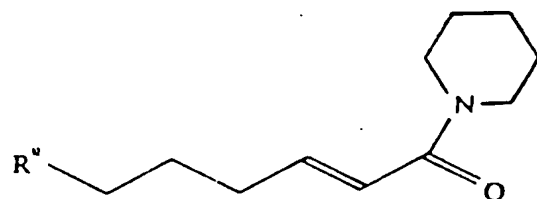
PIPERETTINE



PIPEROLEIN A

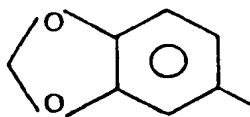


PIPEROLEIN B



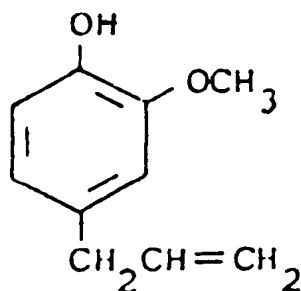
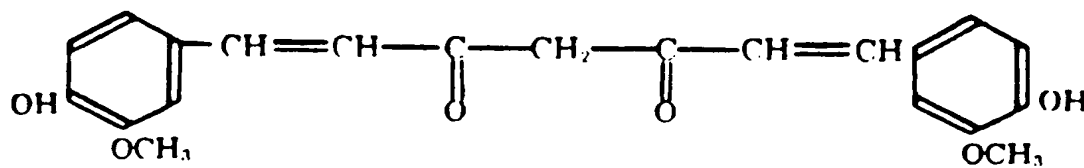
PIPERANINE

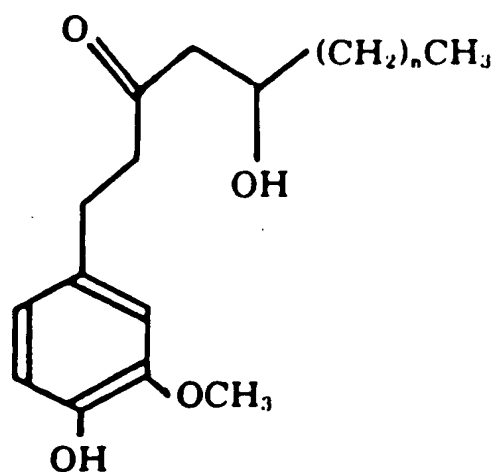
where R'' =



PUNGENT ALKALOID PRINCIPALS OF PEPPER

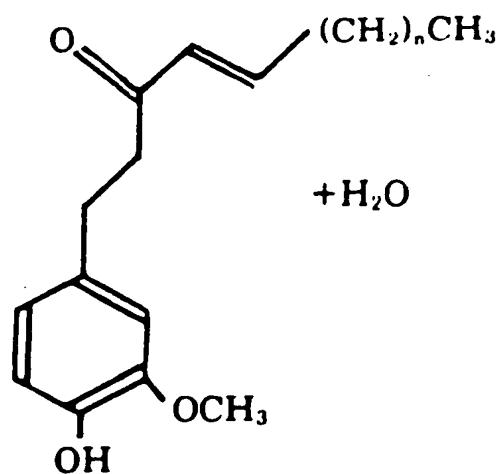
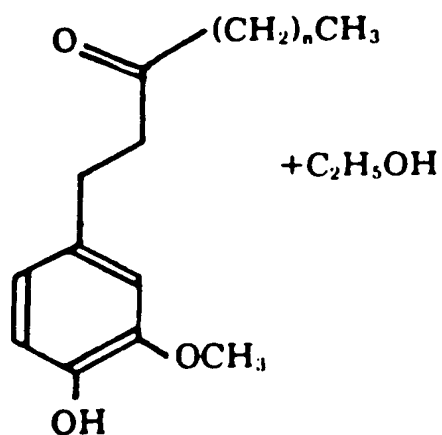
FIG. 800330489-031897
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EUGENOL C₁₀H₁₂O₂FIG. 9CURCUMIN C₂₁H₂₀O₆FIG. 10

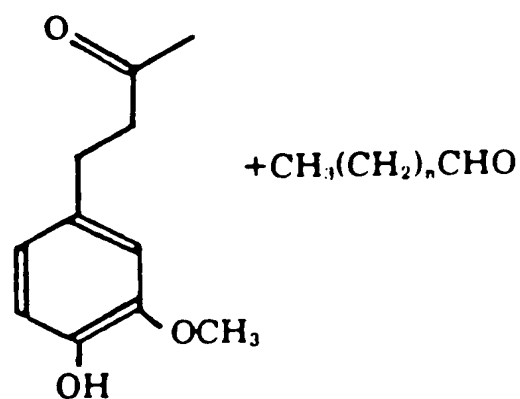


Gingerol

(where n = 4, 6, or 8)

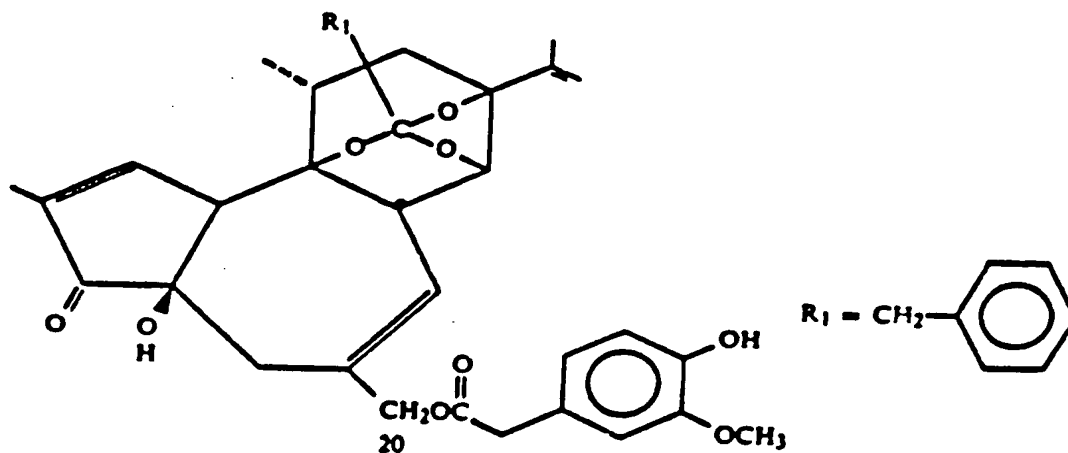
Shogaol $C_{17}H_{24}O_3$ 

Paradol

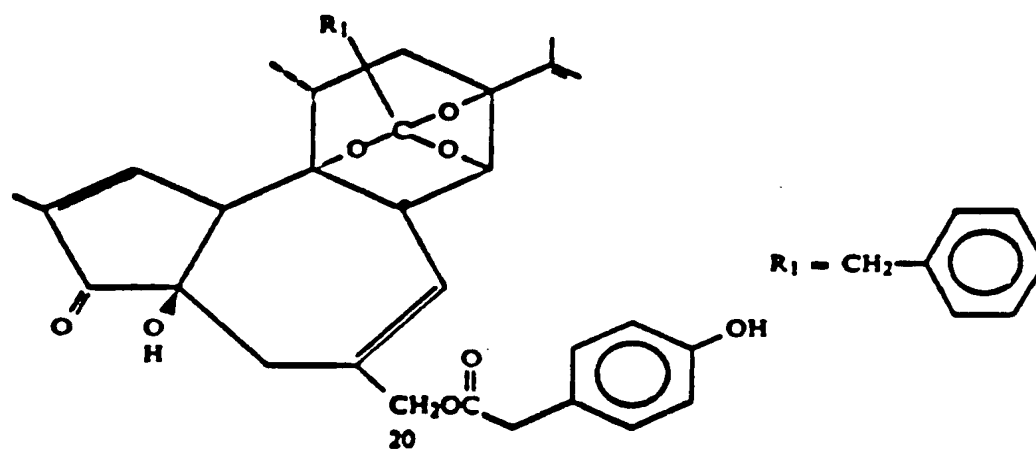
Zingerone $C_{11}H_{14}O_3$

GINGEROLS

FIG. 11



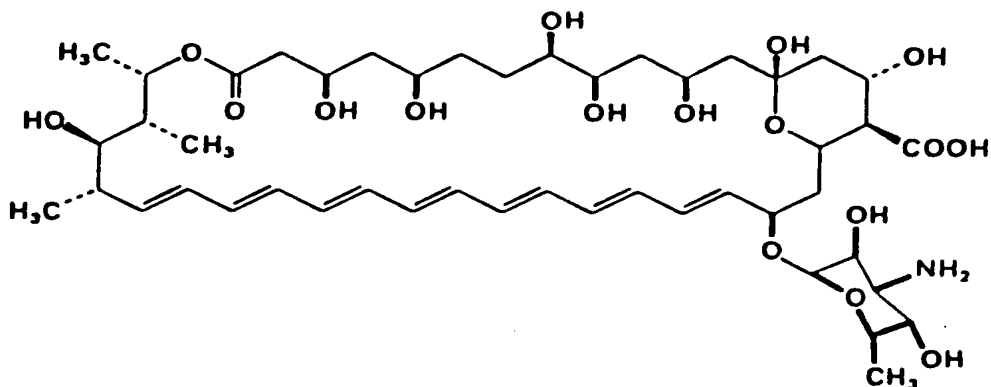
RESINIFERATOXIN

FIG. 12

TINYATOXIN

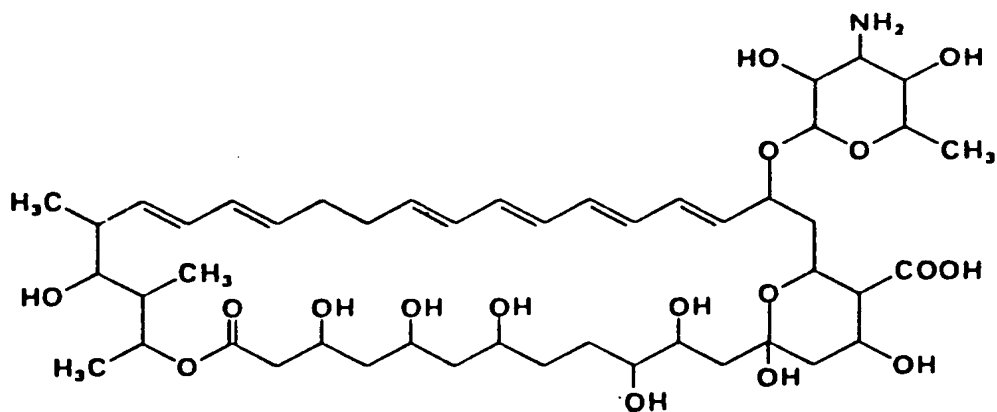
FIG. 13

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AMPHOTERICIN B $C_{47}H_{73}O_{17}N$

FIG. 14

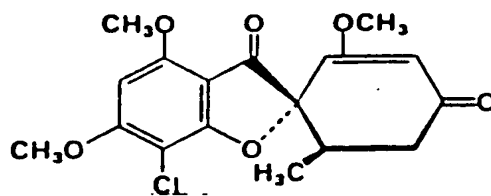
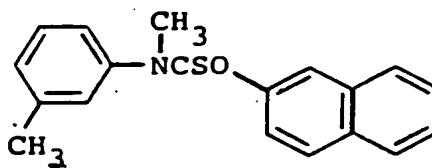
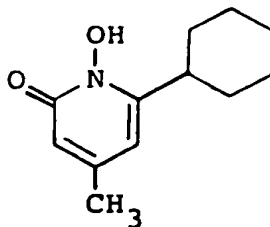


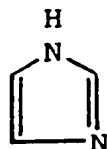
NYSTATIN $C_{46}H_{83}O_{18}N$

FIG. 15

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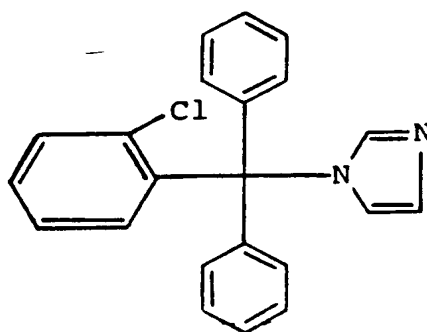
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GRISEOFULVIN $C_{17}H_{17}O_6Cl$ FIG. 16TOLNAFTATE $C_{19}H_{17}NOS$ FIG. 17CICLOPIROX $C_{12}H_{17}NO_2-C_2H_7NO$ FIG. 18



IMIDAZOLE $C_3H_4N_2$

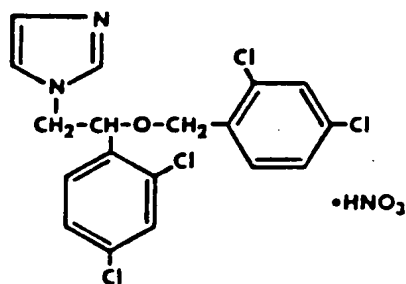
FIG. 19



CLOTRIMAZOLE $C_{22}H_{17}N_2Cl$

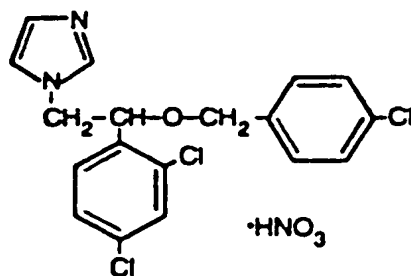
FIG. 20

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MICONAZOLE NITRATE C₁₈H₁₄Cl₄N₂O

FIG. 21

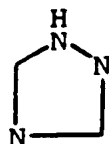
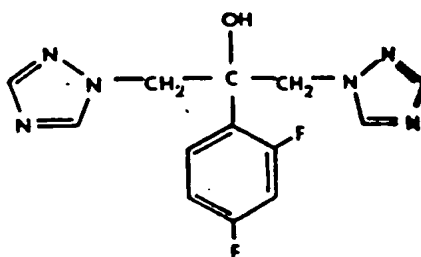


ECONAZOLE NITRATE C₁₈H₁₄Cl₃N₂O

FIG. 22

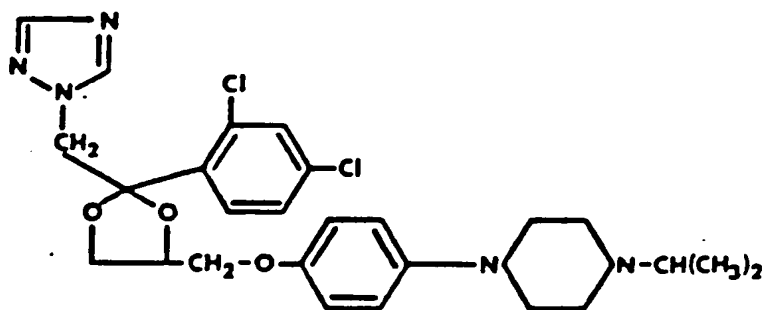
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TRIAZOLE $C_2H_3N_3$ FIG. 23FLUCONAZOLE $C_{13}H_{12}F_2N_6O$ FIG. 24

SUBSTITUTE SHEET

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/68TED-6848E80



TERCONAZOLE

FIG. 25

SUBSTITUTE SHEET